



Patent  
Attorney's Docket No. P12547-US1-BMOA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER

Box PATENT APPLICATION  
Commissioner for Patents and Trademarks  
Washington, D.C. 20231

Sir:

Enclosed for filing is the utility patent application of Hans CARLSSON, John DIACHINA, and Christofer FLINTA for SYSTEMS AND METHODS FOR IMPROVING POSITIONING IN A COMMUNICATIONS NETWORK.

Also enclosed are:

- ☒ 10 sheet(s) of ☒ formal ☐ informal drawing(s);
- ☐ claim for foreign priority under 35 U.S.C. §§ 119 and/or 365 is ☐ hereby made to  
\_ filed in \_ on \_;  
☐ in the declaration;
- ☐ a certified copy of the priority document;
- ☐ a General Authorization for Petitions for Extensions of Time and Payment of Fees;
- ☐ applicant(s) is/are entitled to Small Entity Status;
- ☒ an Assignment document and Assignment Recordation Cover Sheet;
- ☒ an Information Disclosure Statement and PTO-1449; and 2 references;
- ☐ Other: \_;
- ☒ An ☒ executed ☐ unexecuted declaration of the inventor(s)  
☒ also is enclosed ☐ will follow.
- ☐ Please amend the specification by inserting before the first line the sentence -- This application claims priority under 35 U.S.C. §§ 119 and/or 365 to \_ filed in \_ on \_; the entire content of which is hereby incorporated by reference.--
- ☐ A bibliographic data entry sheet is enclosed.

09/13/95 12:03:00

☒ The filing fee has been calculated as follows ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee					\$710.00
Total Claims	31	Minus 20 =	11	x \$18.00 =	198.00
Ind. Claims	6	Minus 3 =	3	x \$ 80.00 =	240.00
If multiple dependent claims are presented, add \$270.00					
Total Application Fee					1,148.00
If Small entity status is claimed, subtract 50% of Total Application Fee					
Add Assignment Recording Fee if Assignment document is enclosed					40.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>1,188.00</b>

☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.

☒ A check in the amount of \$1,148.00 (Application filing fee and claim fee) is enclosed for the fee due.

☒ A check in the amount of \$ 40.00 (Assignment Recordation fee) is enclosed for the fee due.

☐ Charge \$ \_ to Deposit Account No. 50-1070 for the fee due.

☒ The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1070. This paper is submitted in duplicate.



26615

PATENT TRADEMARK OFFICE

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:

John E. Harrity

Reg. No. 43,367

11240 Waples Mill Road  
Suite 300  
Fairfax, Virginia 22030  
(571) 432-0800

Date: December 8, 2000

Figure 1 consists of 12 sub-graphs (a-l) showing the time course of various physiological parameters during a 10-minute period. The parameters are: (a) HR (b/min), (b) SV (L/min), (c) CO (L/min), (d) MAP (mmHg), (e) PVR (mmHg), (f) SVR (mmHg), (g) PPA (mmHg), (h) PVP (mmHg), (i) PVP/PPA, (j) PVP/PPA, (k) PVP/PPA, and (l) PVP/PPA. Each graph shows a baseline period followed by a 10-minute intervention period. The y-axis for each graph is labeled with the parameter name and units. The x-axis is labeled 'Time (min)' with markers at 0, 5, and 10. The graphs show that HR, SV, CO, MAP, PVR, SVR, PPA, and PVP all increase during the intervention period, while PVP/PPA remains relatively stable.